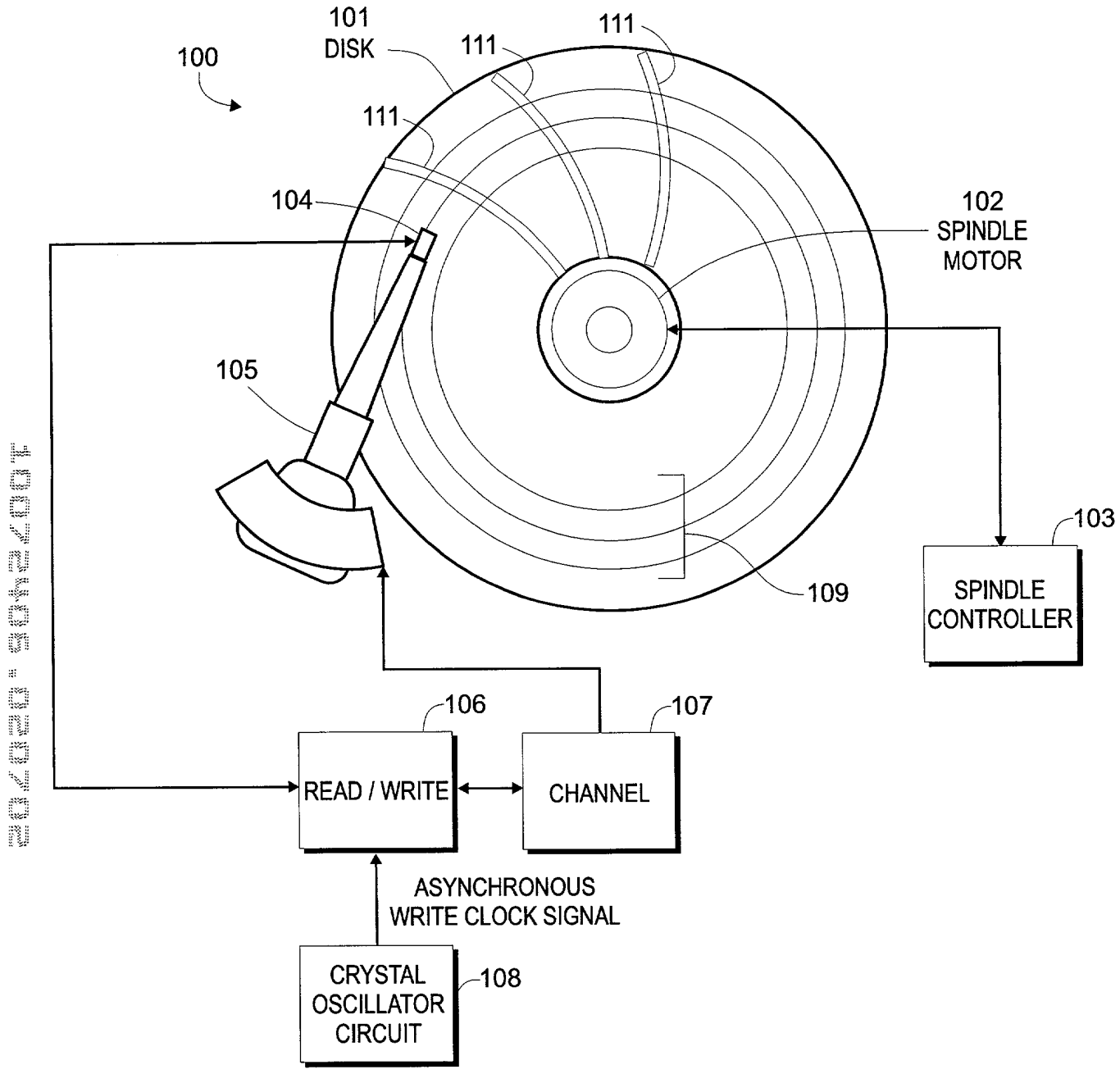

FIGURE 1

PRIOR ART

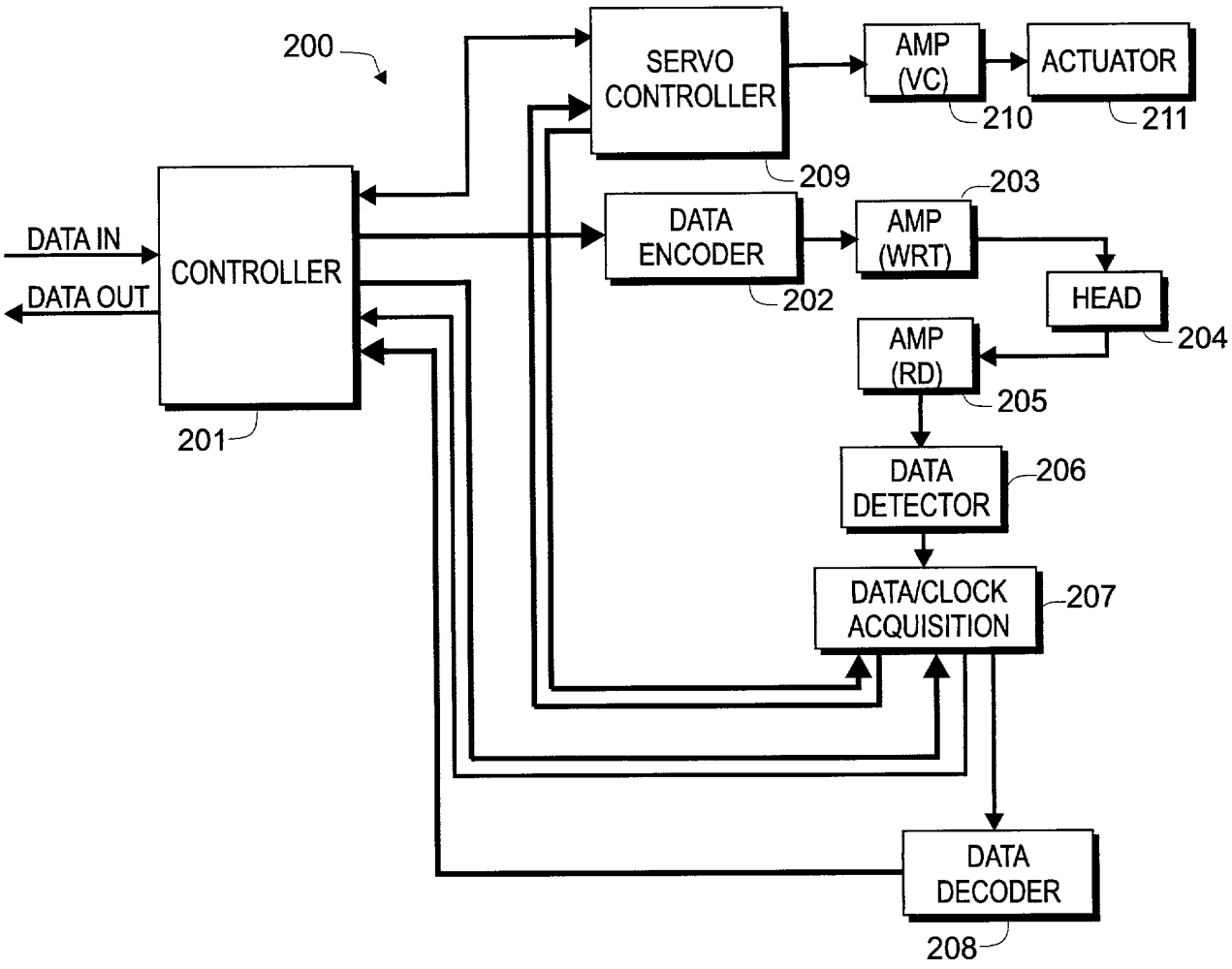
200
SERVO CONTROLLER
AMP (VC)
ACTUATOR
210
211
209
203
DATA IN
DATA OUT
CONTROLLER
DATA ENCODER
AMP (WRT)
HEAD
202
204
AMP (RD)
205
201
DATA DETECTOR
206
DATA/CLOCK ACQUISITION
207
DATA DECODER
208

FIGURE 2

3825 3826 3827 3828

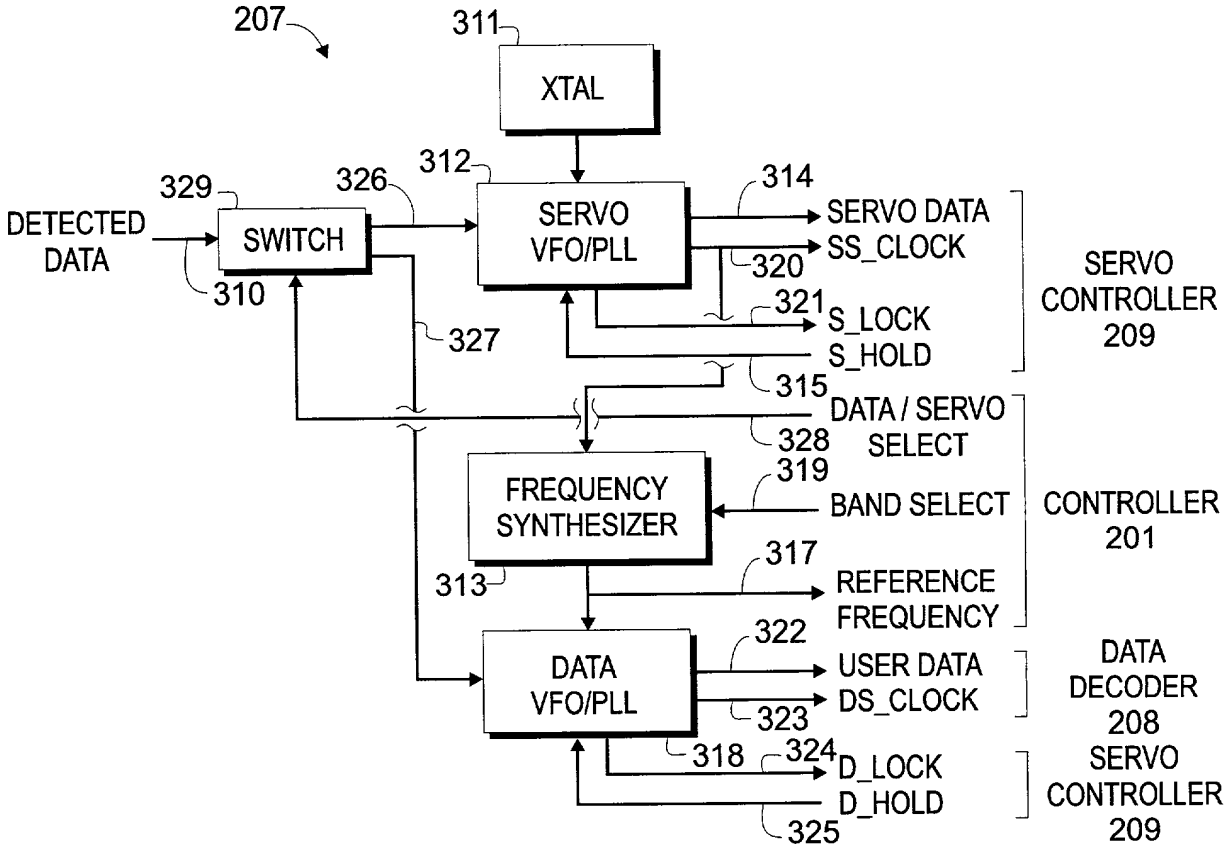

FIGURE 3

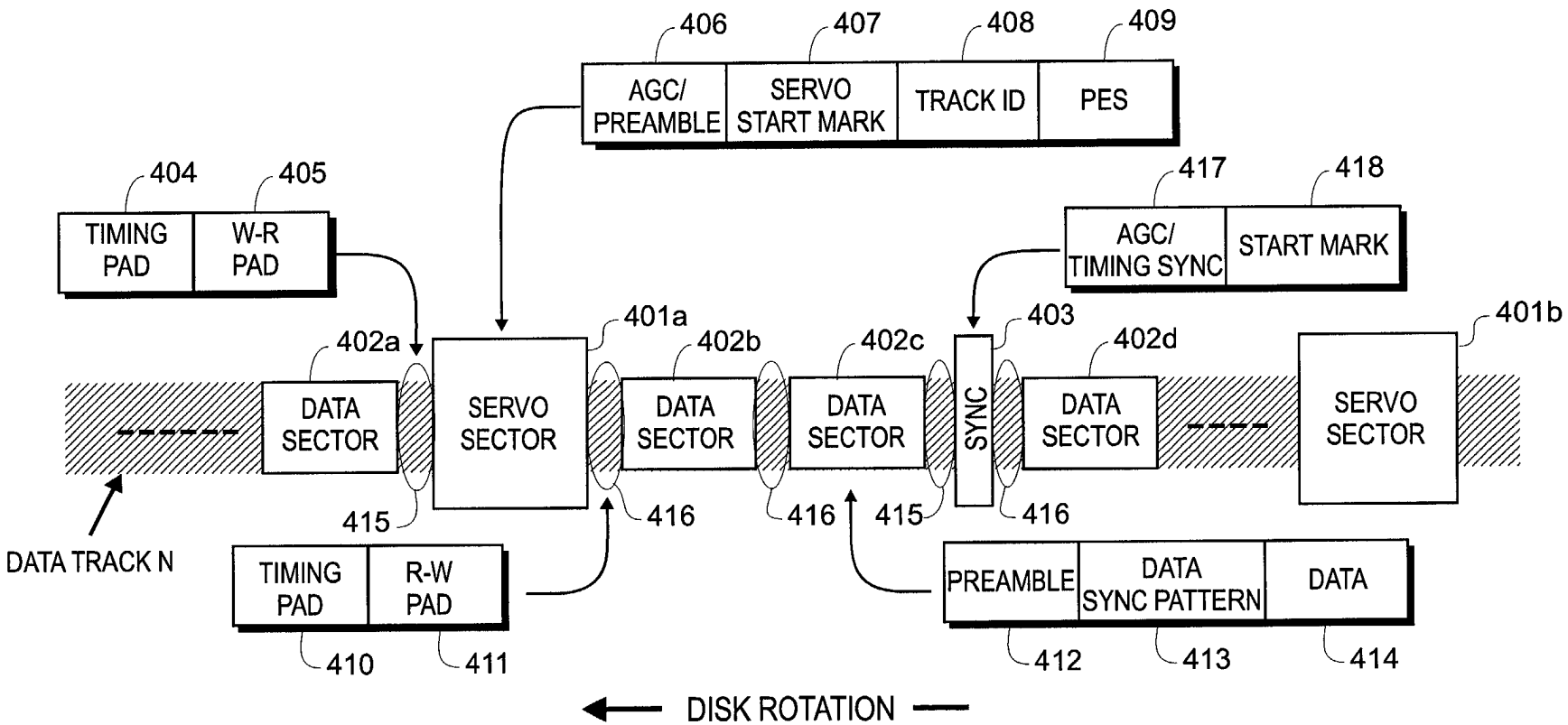
406
407
408
409
AGC/ PREAMBLE
SERVO START MARK
TRACK ID
PES
404
405
TIMING PAD
W-R PAD
417
418
AGC/ TIMING SYNC
START MARK
401a
403
401b
402a
402b
402c
402d
DATA SECTOR
SERVO SECTOR
DATA SECTOR
DATA SECTOR
SYNC
DATA SECTOR
SERVO SECTOR
415
416
416
415
416
DATA TRACK N
TIMING PAD
R-W PAD
PREAMBLE
DATA SYNC PATTERN
DATA
410
411
412
413
414
DISK ROTATION

FIGURE 4

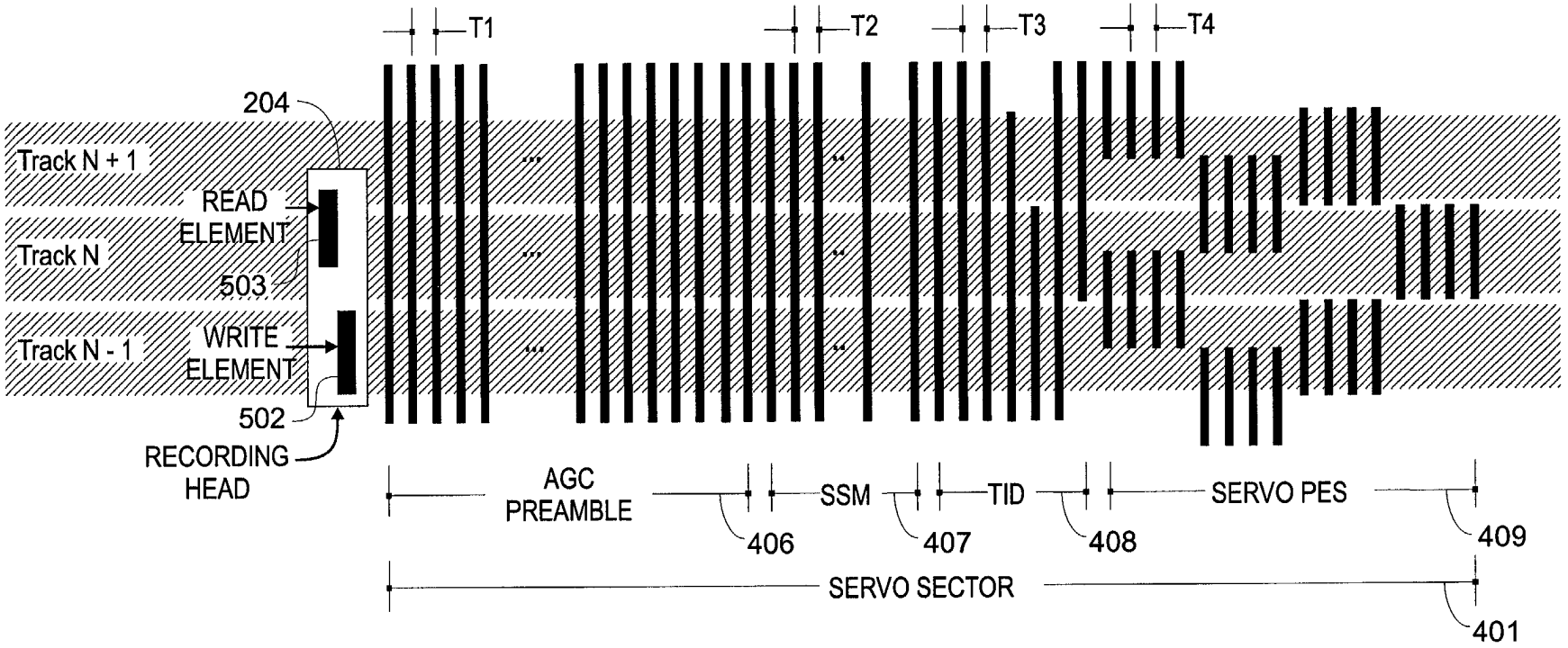
T1
T2
T3
T4
204
Track N + 1
READ
ELEMENT
Track N
503
Track N - 1
WRITE
ELEMENT
502
RECORDING
HEAD
AGC
PREAMBLE
SSM
TID
SERVO PES
406
407
408
409
SERVO SECTOR
401

FIGURE 5

Docket No. 50277-2602

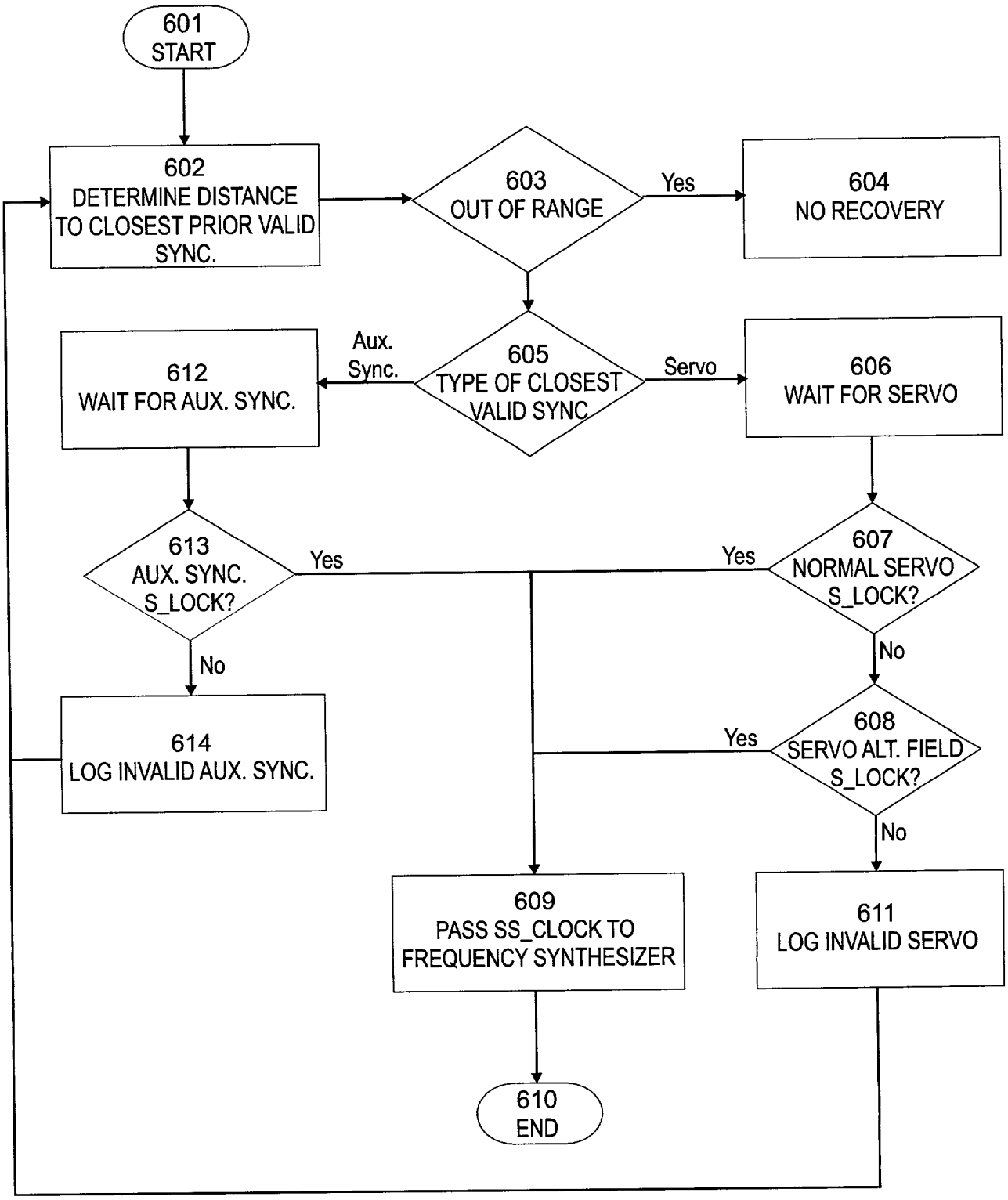

FIGURE 6